



DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **LONG SUBSCRIBER LOOPS USING AUTOMATIC GAIN CONTROL**, the Specification of which:

- ☐ is attached hereto.
☒ was filed on **April 25, 2001** as Application Serial No. **09/843,161**.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

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PRIORITY APPLICATION(S)			Priority Claimed
60/199,930	USA	April 26, 2000	Yes
(Number)	(Country)	(Date Filed)	Yes/No
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which become available between the filing date of the prior application and the national or PCT international filing date of this application: None.



(Application Serial No.) (Filing Date) (Status)

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I hereby direct that all correspondence and telephone calls be addressed to John J. Bruckner, Fulbright & Jaworski L.L.P., 600 Congress Avenue, Suite 2400, Austin, Texas 78701, (512) 474-5201.

I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

Inventor's Full Name:	Jeremy	Sommer
Inventor's Signature:	<i>Jeremy Sommer</i>	
Country of Citizenship:	USA	Date: 5-31-01
Residence Address: (street, number, city, state, and/or country)	217 Pettis Avenue Mountain View, CA 94041	
Post Office Address: (if different from above)		

Inventor's Full Name:	Kishan	Shenoi
Inventor's Signature:		
Country of Citizenship:	USA	Date:
Residence Address: (street, number, city, state, and/or country)	20655 Verde Vista Lane Saratoga, CA 95070-4826	
Post Office Address: (if different from above)		

Inventor's Full Name:	Kamila		Kraba
Inventor's Signature:			
Country of Citizenship:	Canada	Date:	
Residence Address: (street, number, city, state, and/or country)	3243 McKinley Drive Santa Clara, CA 95051		
Post Office Address: (if different from above)			

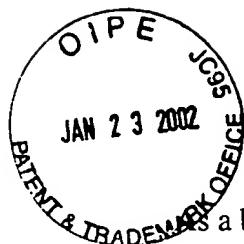
Inventor's Full Name:	Sandro		Squadrito
Inventor's Signature:			
Country of Citizenship:	Peru/Italy	Date:	
Residence Address: (street, number, city, state, and/or country)	6161 Camino Verde Bldg. L, #8 San Jose, CA 95119		
Post Office Address: (if different from above)			

Inventor's Full Name:	Gary		Bogardus
Inventor's Signature:			
Country of Citizenship:	USA	Date:	
Residence Address: (street, number, city, state, and/or country)	168 Ruby Avenue San Carlos, CA 94070		
Post Office Address: (if different from above)			

#4

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SYMM:031US



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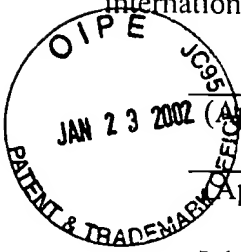
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which become available between the filing date of the prior application and the ~~national~~ or PCT international filing date of this application: None.



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Inventor's Full Name:	Jeremy		Sommer
Inventor's Signature:			
Country of Citizenship:	USA	Date:	
Residence Address: (street, number, city, state, and/or country)	217 Pettis Avenue Mountain View, CA 94041		
Post Office Address: (if different from above)			

Inventor's Full Name:	Kishan		Shenoi
Inventor's Signature:	<i>Kishan Shenoi</i>		
Country of Citizenship:	USA	Date:	MAY 30, 2001
Residence Address: (street, number, city, state, and/or country)	20655 Verde Vista Lane Saratoga, CA 95070-4826		
Post Office Address: (if different from above)			

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Inventor's Full Name:	Kamila		Kraba
Inventor's Signature:			
Country of Citizenship:	Canada	Date:	
Residence Address: (street, number, city, state, and/or country)	3243 McKinley Drive Santa Clara, CA 95051		
Post Office Address: (if different from above)			

Inventor's Full Name:	Sandro		Squadrito
Inventor's Signature:			
Country of Citizenship:	Peru/Italy	Date:	
Residence Address: (street, number, city, state, and/or country)	6161 Camino Verde Bldg. L, #8 San Jose, CA 95119		
Post Office Address: (if different from above)			

Inventor's Full Name:	Gary		Bogardus
Inventor's Signature:			
Country of Citizenship:	USA	Date:	
Residence Address: (street, number, city, state, and/or country)	168 Ruby Avenue San Carlos, CA 94070		
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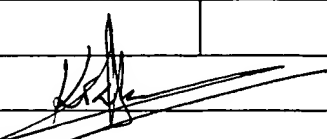
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Inventor's Full Name:	Jeremy		Sommer
Inventor's Signature:			
Country of Citizenship:	USA	Date:	
Residence Address: (street, number, city, state, and/or country)	217 Pettis Avenue Mountain View, CA 94041		
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Inventor's Signature:		
Country of Citizenship:	Canada	Date:
Residence Address: (street, number, city, state, and/or country)	3243 McKinley Drive Santa Clara, CA 95051	
Post Office Address: (if different from above)		

Inventor's Full Name:	Sandro	Squadrito
Inventor's Signature:		
Country of Citizenship:	Peru/Italy	Date:
Residence Address: (street, number, city, state, and/or country)	6161 Camino Verde Bldg. L, #8 San Jose, CA 95119	
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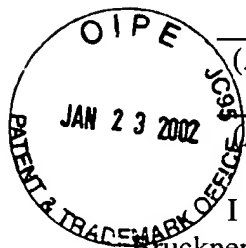
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Inventor's Signature:			
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Inventor's Signature:			
Country of Citizenship:	Canada	Date:	
Residence Address: (street, number, city, state, and/or country)	3243 McKinley Drive Santa Clara, CA 95051		
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Inventor's Full Name:	Sandro		Squadrito
Inventor's Signature:			
Country of Citizenship:	Peru/Italy	Date: Dec. 6, 2001	
Residence Address: (street, number, city, state, and/or country)	4011 Malvini Drive San Jose, CA 95118		
Post Office Address: (if different from above)			

Inventor's Full Name:	Gary		Bogardus
Inventor's Signature:			
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Inventor's Signature:	<i>Gary Bogardus</i>	
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Residence Address: (street, number, city, state, and/or country)	168 Ruby Avenue San Carlos, CA 94070	
Post Office Address: (if different from above)		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OTPE
JAN 23 2002
PATENT & TRADEMARK OFFICE
In re Application of:
Jeremy Sommer
Kishan Sheno
Kamila Kraba
Sandro Squadrito
Gary Bogardus

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: SYMM:031US/JJB

Serial No.: 09/843,161

Filed: April 25, 2001

For: LONG SUBSCRIBER LOOPS USING
AUTOMATIC GAIN CONTROL

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73
AND POWER OF ATTORNEY

Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned, being Assignee of record of the entire interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

The Assignee hereby revokes any previous Powers of Attorney and appoints:

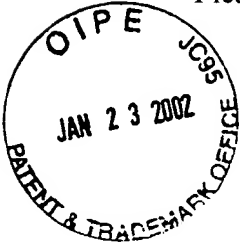
Louis T. Pirkey, Reg. No. 22,393; David D. Bahler, Reg. No. 30,932; David L. Parker, Reg. No. 32,165; Richard J. Groos, Reg. No. 32,231; Stephen D. Dellett, Reg. No. 32,564; William G. Barber, Reg. No. 33,154; Michael S. Metteauer, Reg. No. 34,875; Mark B. Wilson, Reg. No. 37,259; Steven L. Highlander, Reg. No. 37,642; John J. Bruckner, Reg. No. 35,816; Erik R. Nordstrom, Reg. No. 39,792; Teresa J. Schultz, Reg. No. 40,526; Stephen P. Meleen, Reg. No. 40,724; Robert E. Hanson, Reg. No. 42,628; Michael C. Barrett, Reg. No. 44,523; Mark T. Garrett, Reg. No. 44,699; Gina N. Shishima, Reg. No. 45,104; and Matthew Bellinger, Reg. No. 46,547;

each an attorney or agent of the firm of FULBRIGHT & JAWORSKI L.L.P., as its attorney or agent, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office

in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.


Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to SYMMETRICOM, INC., referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all communications as follows:



John J. Bruckner
FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

ASSIGNEE:
SYMMETRICOM, INC.

By: 
Name: Thomas W. Steipp
Title: Chief Executive Officer

Date: December 17, 2001

ASSIGNMENT:

- ☒ Concurrently filed
☐ Previously recorded
Date: _____
Reel: _____
Frames: _____